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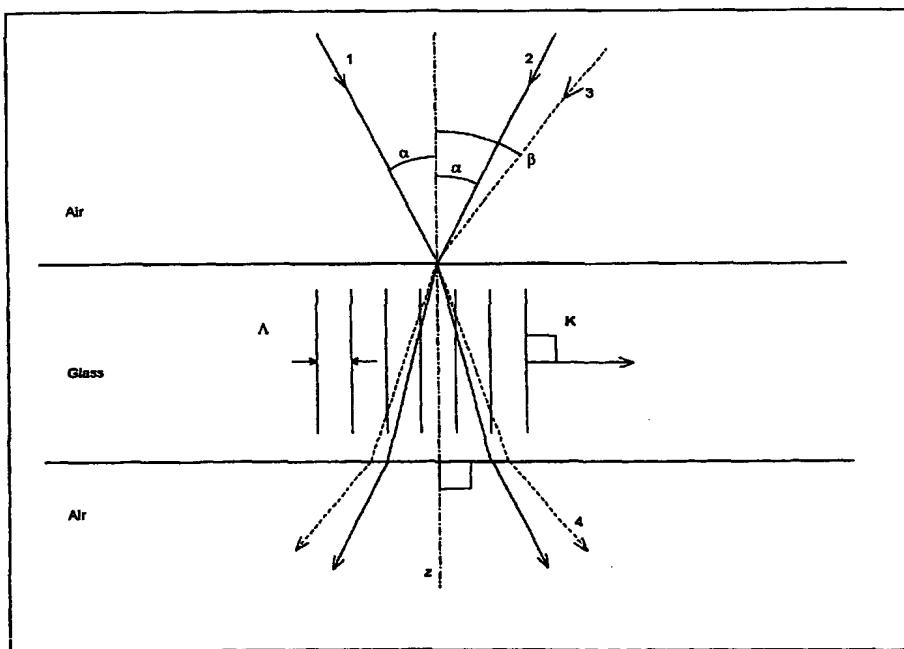
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(54) Title: PHOTORESISTIVE MATERIAL AND PROCESS OF MAKING SAME



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(57) Abstract: A photosensitive material, suitable for image-wise recording, e.g., holographic recording of data or other information, comprises an organic species in an organic-inorganic matrix, the organic species comprising a material having a refractive index which changes upon exposure to actinic radiation. The organic-inorganic matrix may be an organically modified glass. The photo-sensitive material may be made using the sol-gel process.

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International Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G03F7/00

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/004172 A1 (TAKIGAWA AKIO ET AL) 10 January 2002 (2002-01-10) paragraph '0018! – paragraph '0022! paragraphs '0033!, '0045!, '0052!, '0053!; examples ---	1-48
X	EP 0 938 027 A (LUCENT TECHNOLOGIES INC) 25 August 1999 (1999-08-25) paragraphs '0007!, '0009!, '0011!, '0015!, '0019!, '0022!; claims; examples ---	1-48 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHEBEN P ET AL: "A PHOTOPOLYMERIZABLE GLASS WITH DIFFRACTION EFFICIENCY NEAR 100% FOR HOLOGRAPHIC STORAGE" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS, NEW YORK, US, vol. 78, no. 11, 12 March 2001 (2001-03-12), pages 1490-1492, XP001015021 ISSN: 0003-6951 the whole document -----	1-48
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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